

10

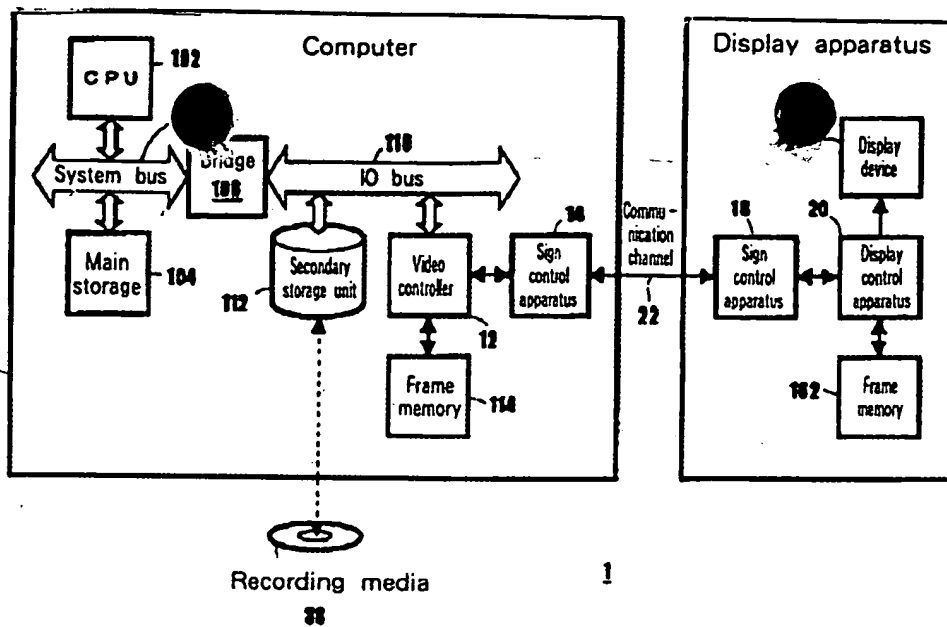


Fig. 1

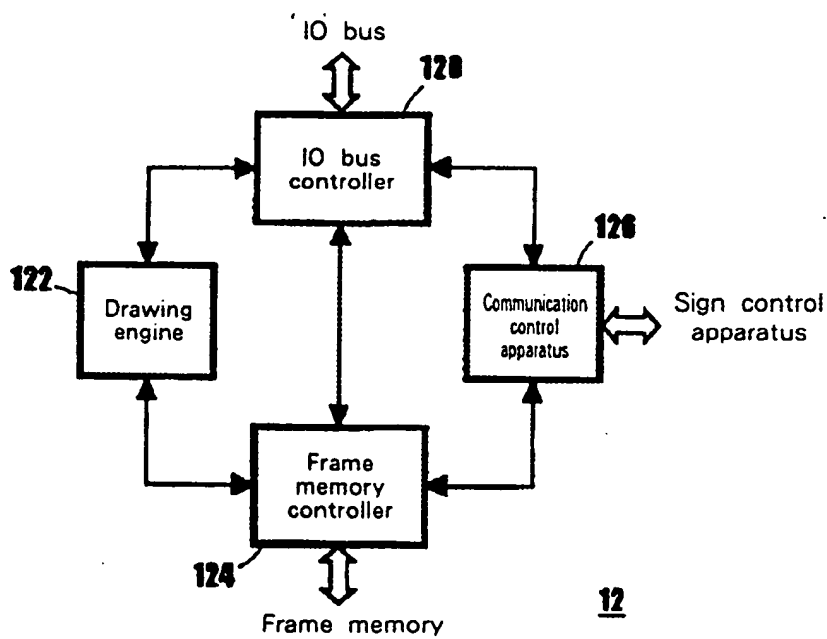


Fig. 2

000001 00000000

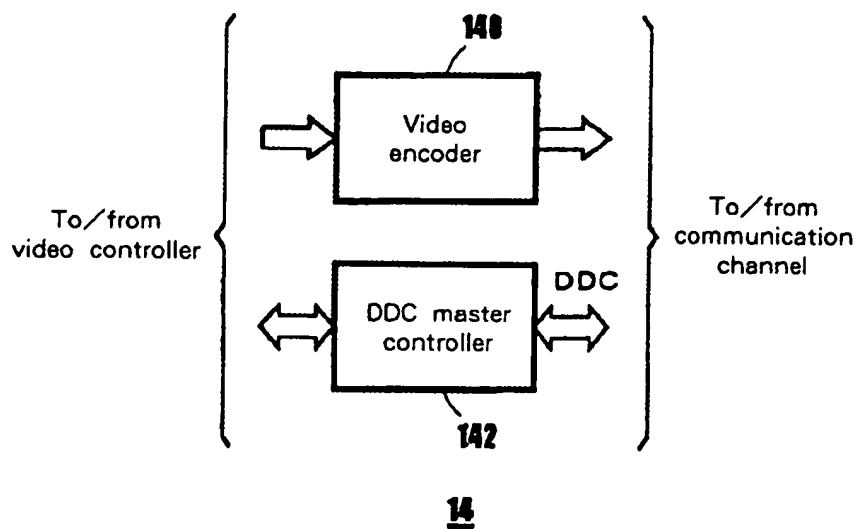
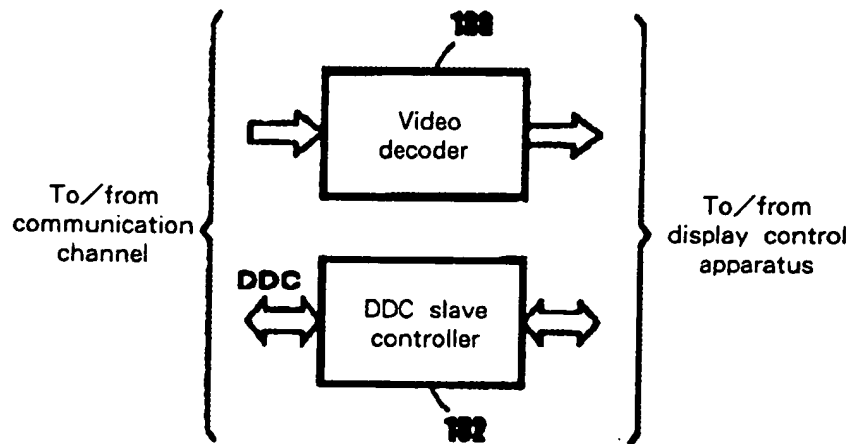


Fig. 3

000001 00000000



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Fig. 4

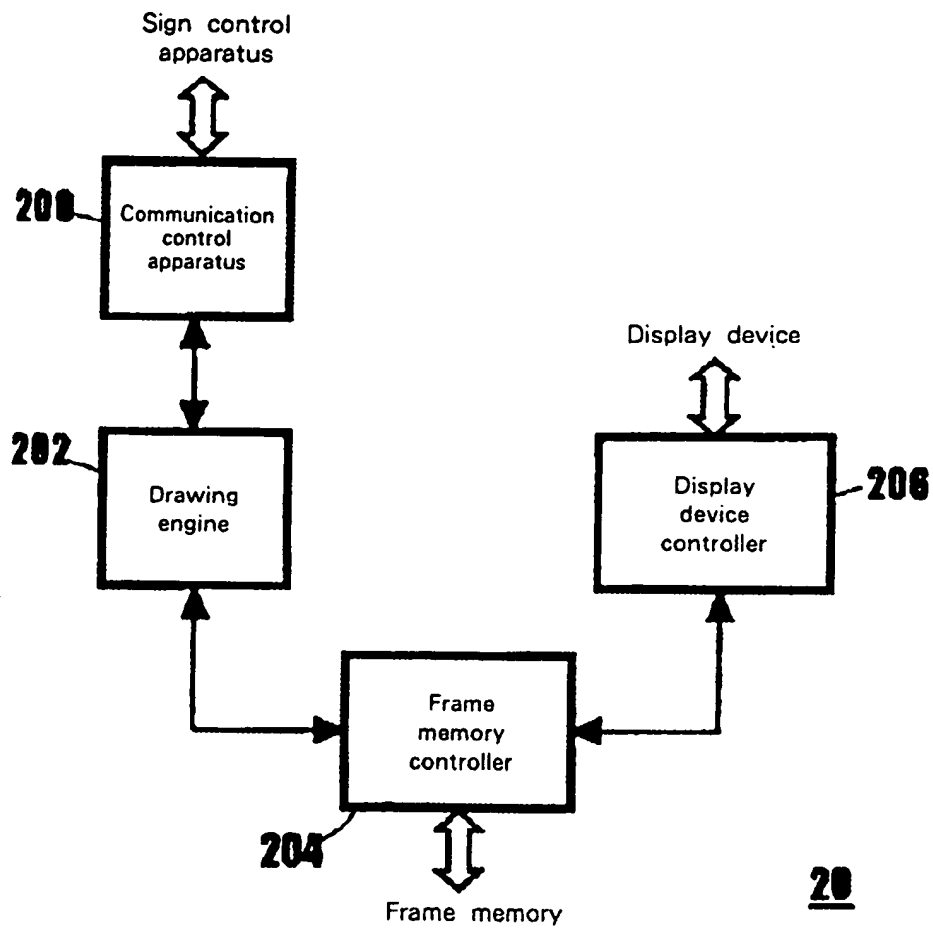
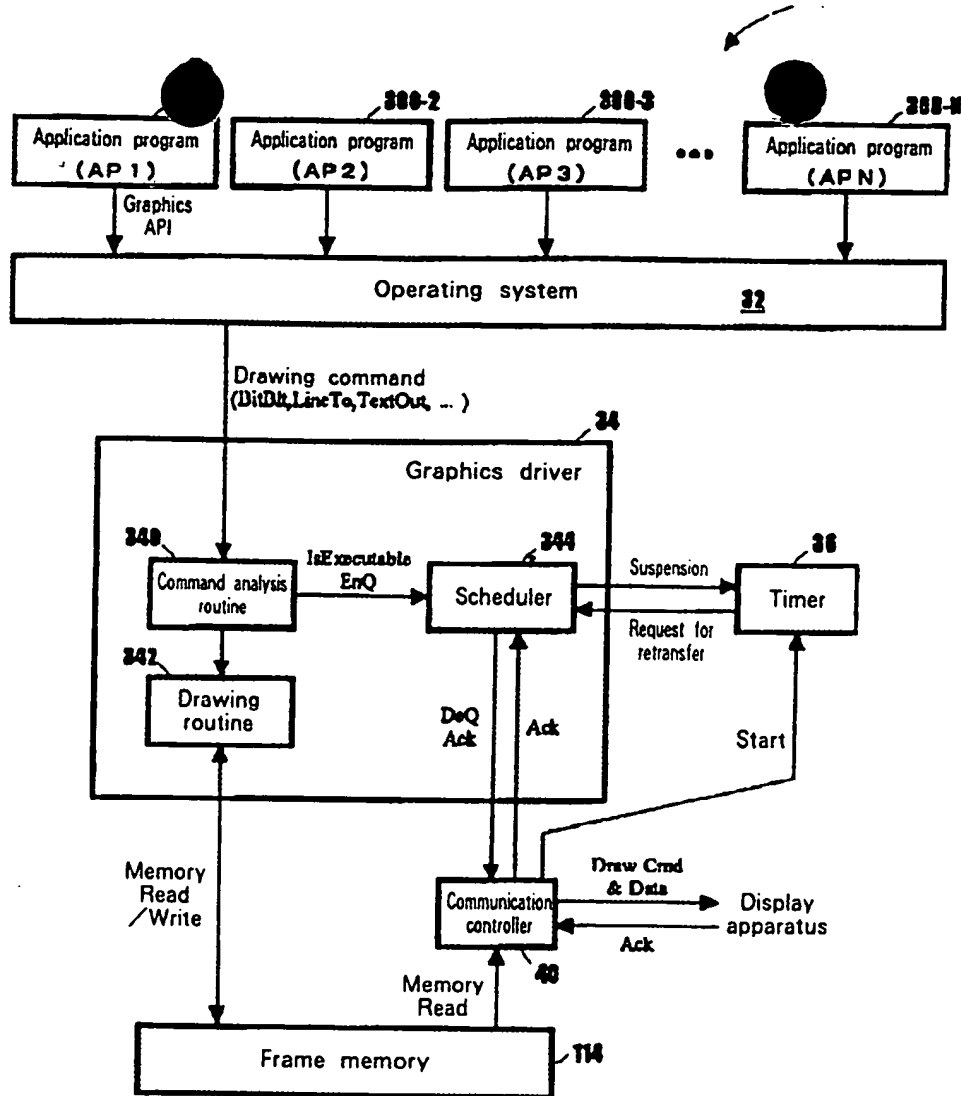


Fig. 5



Attributes of drawing area	Coordinates of drawing location	Size of drawing areas	Attributes of source areas	Coordinates of source areas	ROP
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Attributes of drawing areas	Attributes of source areas	Attributes of mask pattern	Clipping information	Color information	Coordinates and size of drawing location	Coordinates of mask pattern	Attributes of pattern	Coordinates of pattern
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Fig. 8

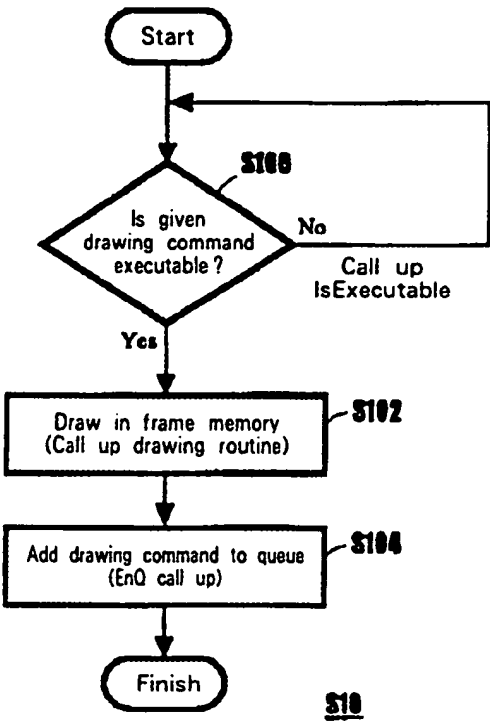


Fig. 9

Kind of command	Length of data	Data proper to command
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Fig. 10

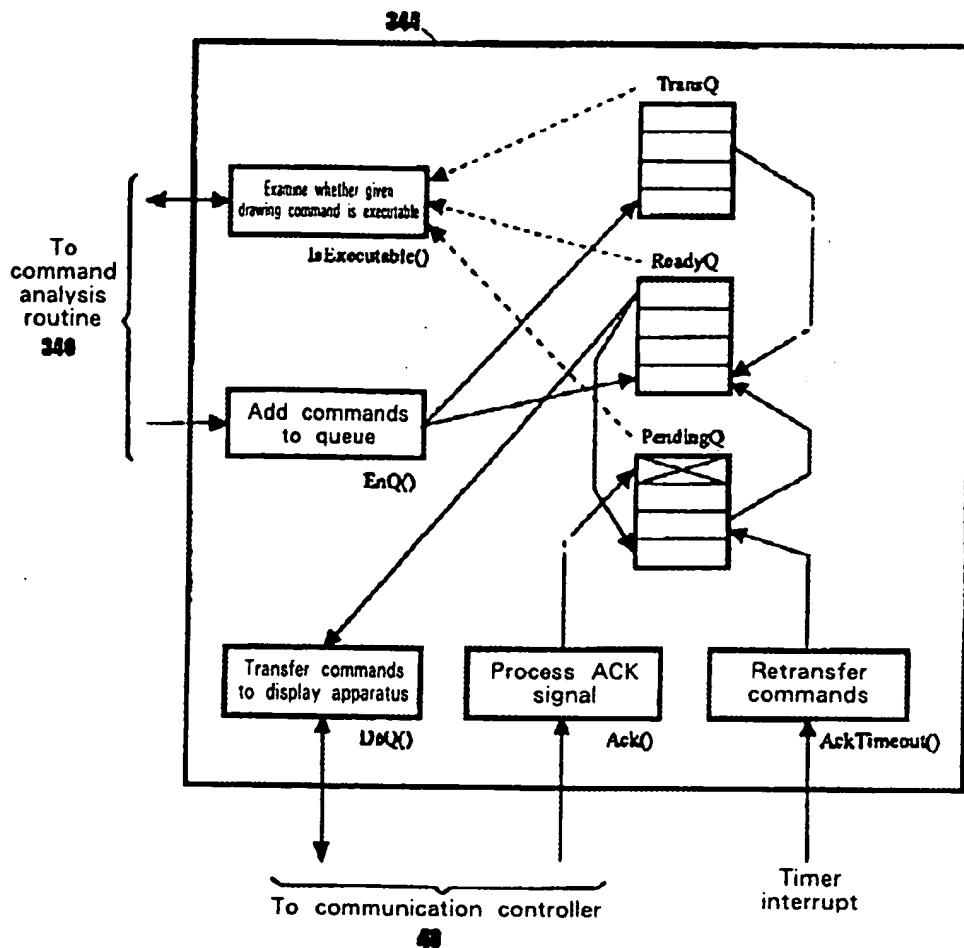


Fig. 11

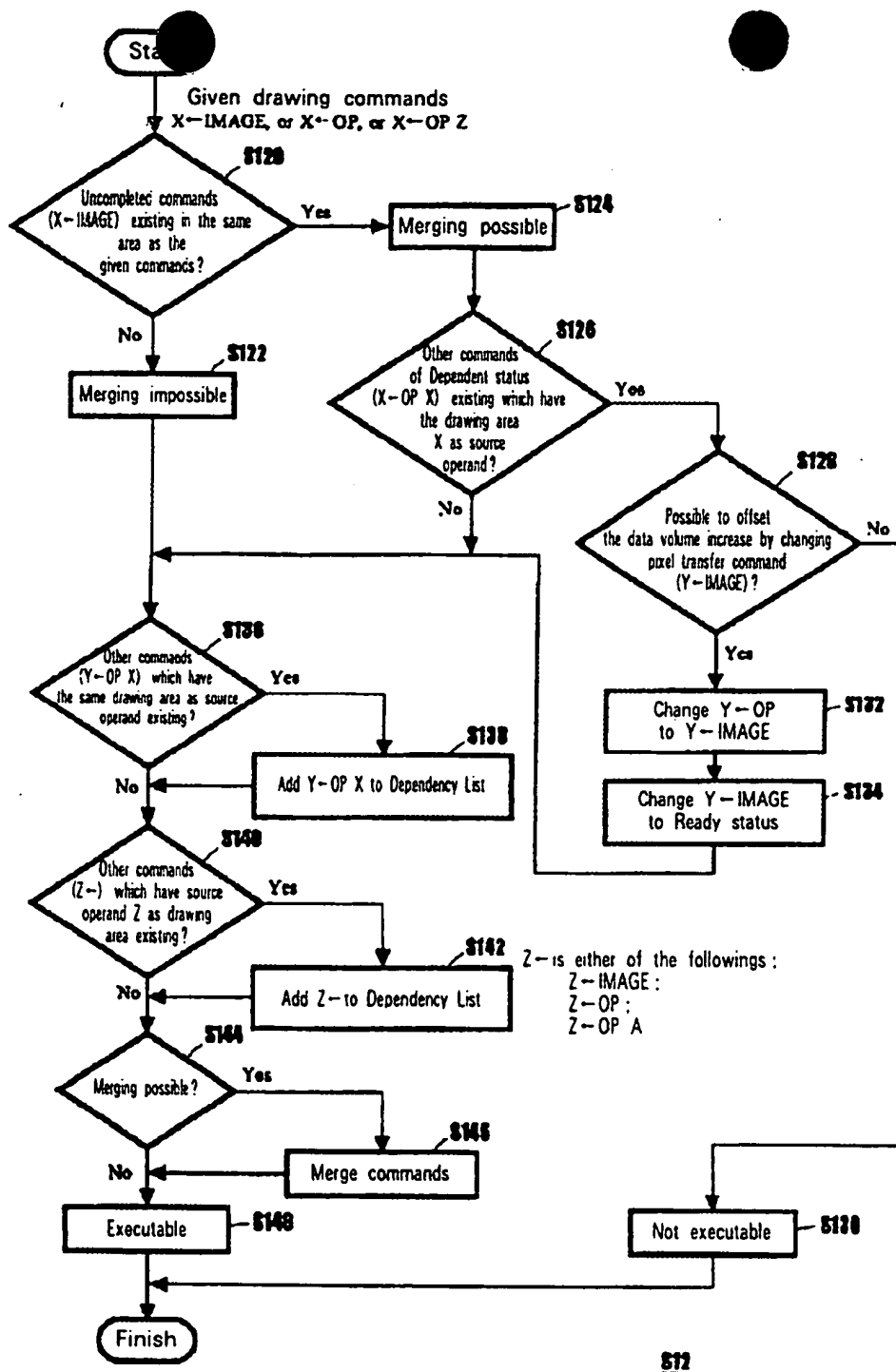


Fig. 12


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graph TD
    Start([Start]) --> S160{Uncompleted drawing commands of interdependent relations existing?}
    S160 -- Yes --> S162[Add drawing command to Dependent Queue]
    S160 -- No --> S164[Assign the present group ID to drawing commands]
    S164 --> S166{Total group data volume larger than threshold N?}
    S166 -- Yes --> S168["Close the group  
• Set up EndOfGroup flag  
• Increment group ID value"]
    S166 -- No --> S170[Add drawing command to Ready Queue]
    S168 --> S170
    S170 --> S162
    S162 --> Finish([Finish])

```

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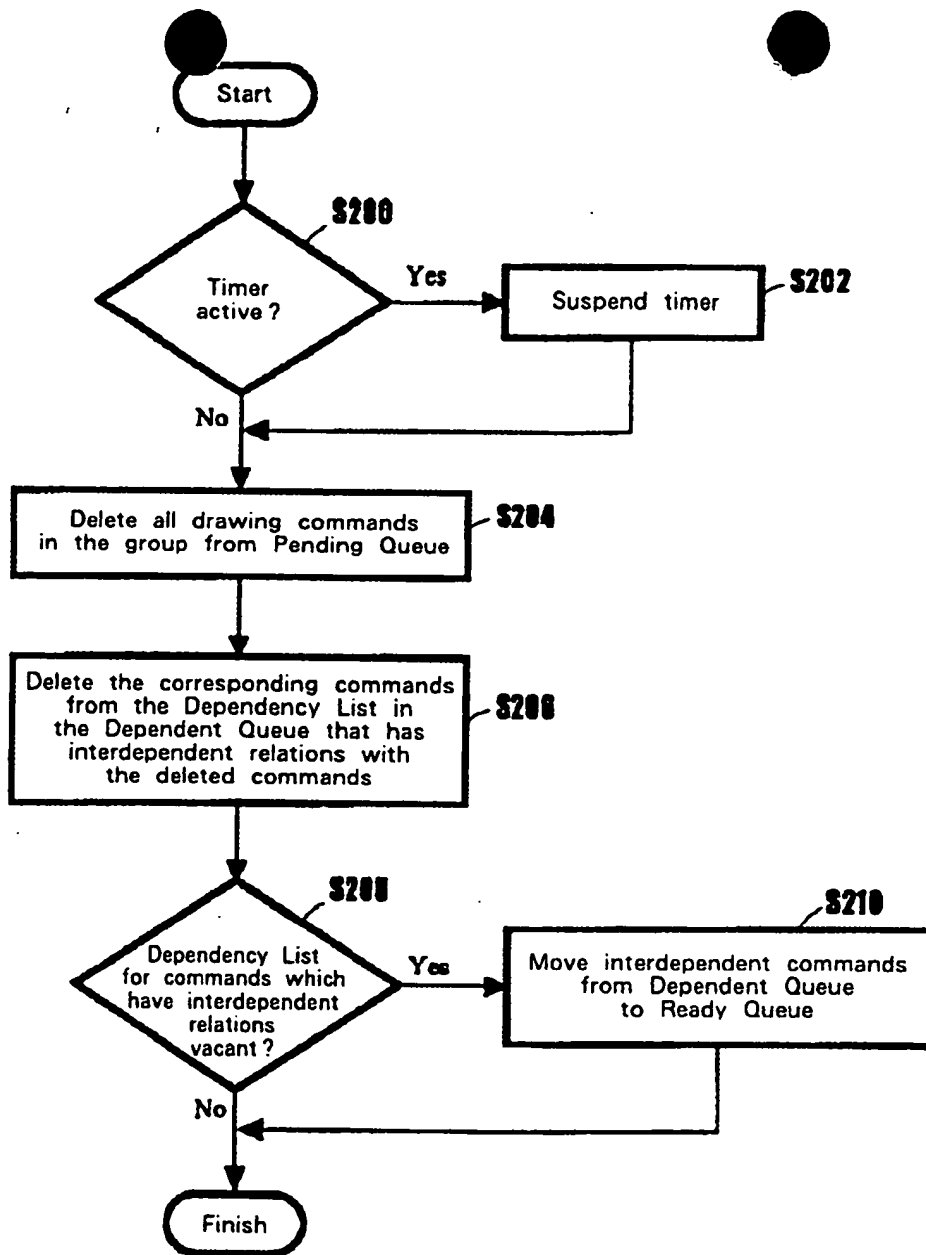
```
graph TD; Start([Start]) --> S180{Ready Queue vacant?}; S180 -- No --> S186[Close the group  
• Set up EndOfGroup flag  
• Increment group ID value]; S180 -- Yes --> S182[Pick up one drawing command from Ready Queue]; S182 --> S184{Ready Queue vacant?}; S184 -- Yes --> S186; S184 -- No --> S188[Add command to Pending Queue]; S186 --> S188; S188 --> Finish([Finish]);
```

The flowchart illustrates the logic for processing drawing commands. It begins with a 'Start' terminal, leading to a decision diamond S180: 'Ready Queue vacant?'. If the answer is 'No', the flow proceeds to a process box S186: 'Close the group' (which includes setting up the EndOfGroup flag and incrementing the group ID value). If the answer is 'Yes', the flow proceeds to a process box S182: 'Pick up one drawing command from Ready Queue'. This leads to another decision diamond S184: 'Ready Queue vacant?'. If 'Yes', it proceeds to S186. If 'No', it proceeds to a process box S188: 'Add command to Pending Queue'. Both paths from S184 (Yes or No) and the path from S186 lead to S188. Finally, S188 leads to the 'Finish' terminal.

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Fig. 14

$\Gamma_{\text{out}}^{(1)} = \Gamma_{\text{in}}^{(1)}$ and $\Gamma_{\text{out}}^{(2)} = \Gamma_{\text{in}}^{(2)}$ are the input and output Green's functions, respectively, and $\Gamma_{\text{out}}^{(1,2)}$ are the output Green's functions for the two different cases. The Green's functions are defined as the inverse of the operator \mathcal{L} in the equation $\mathcal{L}\Gamma = \delta$, where δ is the Dirac delta function. The Green's functions are used to calculate the response of the system to an external perturbation.



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Fig. 15

```
graph TD; Start([Start]) --> S220[Close the group for the commands left in Ready Queue  
• Set up EndOfGroup flag on the last command  
• Increment group ID value]; S220 --> S222[Newly assign group ID to all drawing commands  
in the error group, and move them  
from Pending Queue to Ready Queue]; S222 --> Finish([Finish]);
```

The flowchart illustrates the process for closing a group of commands and moving them to the Ready Queue. It begins with a 'Start' terminal, followed by a process block labeled **S220** which contains the steps: 'Close the group for the commands left in Ready Queue', 'Set up EndOfGroup flag on the last command', and 'Increment group ID value'. This is followed by another process block labeled **S222** which contains the steps: 'Newly assign group ID to all drawing commands in the error group, and move them from Pending Queue to Ready Queue'. The process concludes at a 'Finish' terminal. The label **S22** is positioned at the bottom right of the diagram.

Fig. 16

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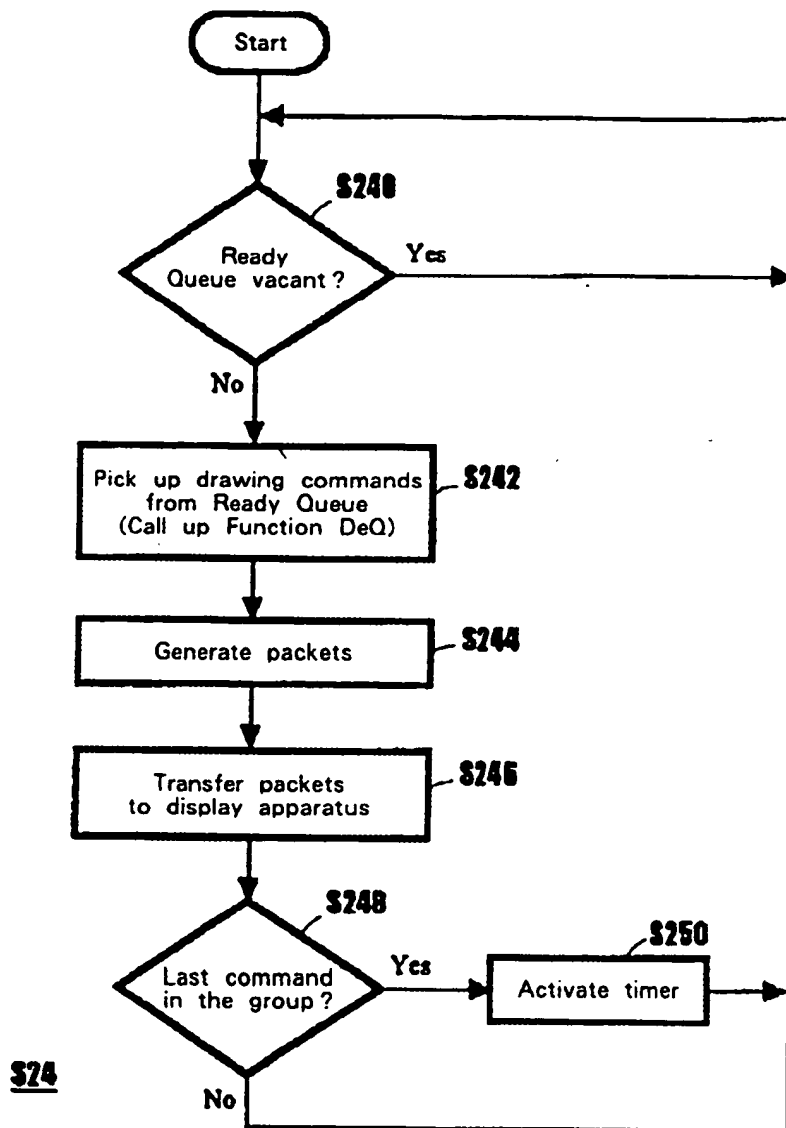


Fig. 17

```

graph TD
    30[30 Application program] -- Request 1 --> 31[31 Operating system]
    31 -- Response 10 --> 30
    31 -- Request 2 --> 340[340 Command analysis routine]
    340 -- Response 9 --> 31
    340 -- Request 3 --> 344[344 Scheduler]
    344 -- Response 4 --> 340
    340 -- Request 7 --> 344
    344 -- Response 8 --> 340
    340 -- Request 5 --> 342[342 Drawing routine]
    342 -- Response 6 --> 340
  
```

The diagram illustrates the flow of requests and responses between five components:

- 30 Application program** sends **Request 1** to **31 Operating system** and receives **Response 10**.
- 31 Operating system** sends **Request 2** to **340 Command analysis routine** and receives **Response 9**.
- 340 Command analysis routine** sends **Request 3** to **344 Scheduler** and receives **Response 4**.
- 340 Command analysis routine** sends **Request 7** to **344 Scheduler** and receives **Response 8**.
- 340 Command analysis routine** sends **Request 5** to **342 Drawing routine** and receives **Response 6**.

Fig. 18

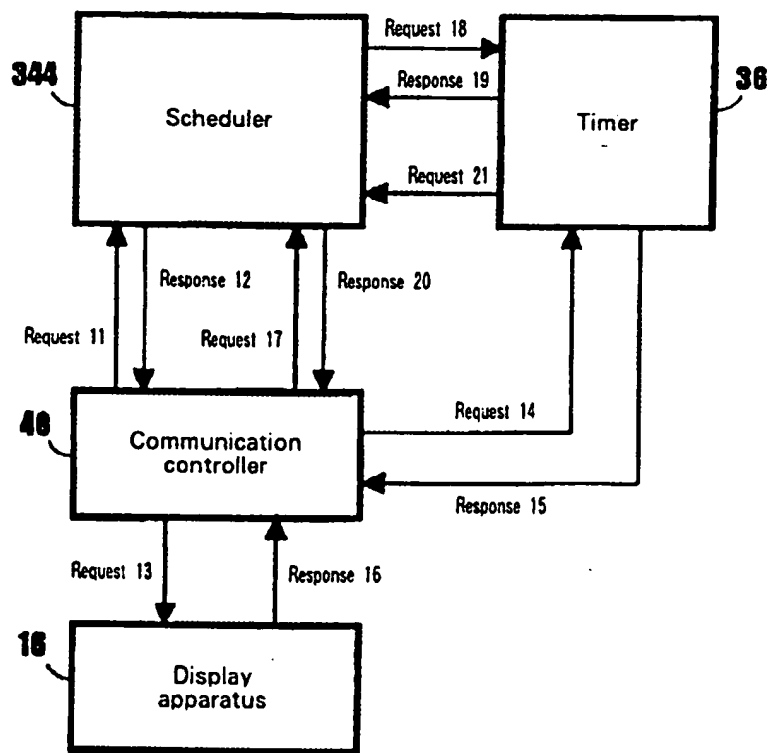


Fig. 19